



RAIN WATER HARVESTING

LET'S BE WATER POSITIVE

Vardhman  **Envirotech**

ISO 9001 : 2015 Company

Rain water harvesting



Collection, filtration and storage of rainwater in tanks or underground

Rain water needs to be filtered from all physical impurities like leaves, bird droppings, paper, plastic, silt or other sediments before Reuse or recharge.

Rain water to be diverted to Mother Earth to recharge ground water rather than letting it drain out.

Filtered rain water is ideal for process, cooling tower, garden, fire, flushing, irrigation or domestic applications.

Filtered Roof water collected can also be used as drinking water with proper antimicrobial treatment.



RAINTAP Roof top Rain Water filter



Registered Design



Channel for Videos



Working Principle

<https://youtu.be/0DF4erXUZoU>

Actual Working

<https://youtu.be/5M2guWf4xms>

<https://youtu.be/t5Au7qmSoks>

Installation Photographs on Google link

<https://goo.gl/photos/rjJmeC8iUUfeRwGi7>

Key Elements



Unique Features



- ✓ Simple and Scientific design
- ✓ No electricity required
- ✓ No Maintenance required; Cleaning is simple
- ✓ Leaves and dirt particles are removed by opening flush valve.
- ✓ Compact and user friendly design.
- ✓ Fully enclosed, wall mounted and online system
- ✓ 360 Degree flexible 'T' for ease of installation.
- ✓ SS 304 wire mesh allows micro filtration up to 130 microns
- ✓ No consumables required
- ✓ Consistent even in variation of rainfall intensity
- ✓ No water loss



Applications of Rain water harvesting



Underground Tank



Bore well



Recharge well



Dug well

Successful Installations @ Industry



Rainwater Reuse

Successful Installations @ Society



Bore well Recharge

Successful Installations @ Multistory Building



Rainwater Reuse

Successful Installations @ Bungalow



Rainwater Reuse

Rainwater Reuse at a Bunglow



Units : 07 Units installed
Place : Ahmedabad
Date : 12th Jan 2018

Successful Installations @ Village School



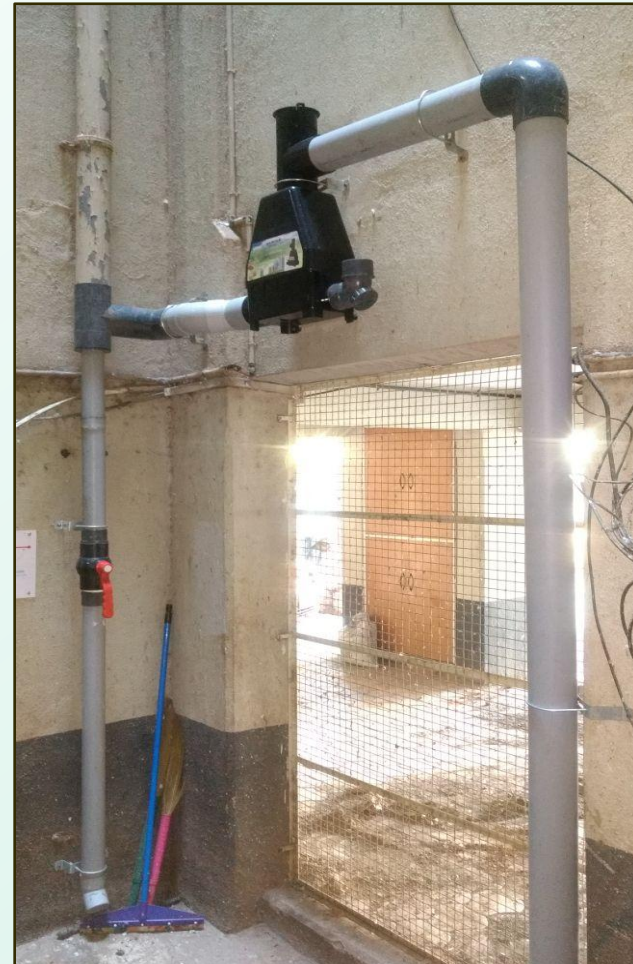
Rainwater for Recharge well

Successful Installations @ Farm house



Rainwater Reuse and Recharge

Successful Installations @ Flats



Rainwater Reuse and Recharge

Successful Installations @ small raw house



Rainwater Reuse

Successful Installations @ village homes



Rainwater Reuse



Successful Installations @ Government office



Rainwater for Bore well Recharge

Successful Installations @ Government Schools



Rainwater for Reuse

Successful Installations @ Government Schools



Rainwater for Reuse

Successful Installations @ Government Schools



Rainwater for Reuse

Successful Installations @ Government Schools



KGBV School Koliwada, Patan, Gujarat

Rainwater for Reuse

Client Certification



Dear Vardhaman Envirotech Team!

Thanks for the RWH Popup filter, it is a very simple yet wonderful device to catch and filter the Rain water before storing. I checked out both this one and the other one which uses centrifugal force to filter. The water wastage is very high in the centrifugal filtration one!

Thanks again for this wonderful product. I ordered it over phone and it was delivered within a week or so, by courier. Installation is simple and needs no special skills. My plumber could do this with the instructions given in the box.

**Warm Regards
Anthony Balraj,
Mysore, Karnataka, India**

★★★★★ **Excellent rain water filter**

By [LRB](#) on 14 July 2017

Verified Purchase



Just built a new house in a town in Himalayas where water is in limited supply. Built a 30,000 liter underground tank fed from a 1200 square foot terrace through this filter. It works very well, filtering out small debris from the roof. We also installed a 4-inch grill at the top of the pipe leading down from the terrace to block leaves and larger debris. Water coming into the tank is very clear. We found it necessary to sweep terrace regularly to minimise leaves collecting around the terrace grill. We are very happy with filter. Highly recommended!



Client Certification



★★★★★ Clean rainwater at your disposal

By [anil a.](#) on 29 June 2017

Verified Purchase

This has been a life saver at my house. I own a hotel and there was always water crisis. After I had this installed, the rain water is enough to feed my tanks. It's a shame that people let all that water go to waste.

Installation at Sikkim

Client Certification



★★★★★ Catch the rain and drink it for life

By [Prakash K Rath](#) on 22 September 2017

Verified Purchase

Product received on time and quality as expected. Rainwater is converted into pure drinking water.

▶ [Comment](#) | Was this review helpful to you? [Report abuse](#)

- ✓ **Rainwater for Reuse**
- ✓ **Purchased on 14th July 2017**
- ✓ **In use at Bhubaneswar, Orissa**

Client Certification



Vardhman Envirotech

★★★★★ "Very good design, efficient filter performance, good quality, easy to install, good service. This is what I was looking for."

By Chetan M. on October 13, 2017.

	30 days	90 days	12 months	Lifetime
Positive	100%	100%	100%	100%
Neutral	0%	0%	0%	0%
Negative	0%	0%	0%	0%
Count	1	1	1	1

- ✓ Rainwater for reuse
- ✓ Purchased on 3rd October 2017
- ✓ In use at Bangalore, Karnataka

www.vardhmanenvirotech.com



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[vardhmanenvirotech](https://www.facebook.com/vardhmanenvirotech)



[vardhman-envirotech-409407115](https://www.linkedin.com/company/vardhman-envirotech-409407115)

Client Certification



Top positive review

[See all 5 positive reviews ›](#)

★★★★★ **Good!**

By Amazon Customer on 20 November 2017

Best rainwater filter... Seller was very helpful in delivering the product

- ✓ **Rainwater for reuse**
- ✓ **Purchased on 10th October 2017**
- ✓ **In use at Chennai, Tamilnadu**

www.vardhmanenvirotech.com



[@doshiamit107](#)



[vardhmanenvirotech](#)



[vardhman-envirotech-409407115](#)

Client Certification



★★★★☆ **Raintap review**

By **Amazon Customer** on 10 January 2018

Verified Purchase

The delivery was done in three days.

Packing was not that good

Product and build quality is good.

Filter clamp may not hold tightly

Will recommend to others

- ✓ Rainwater for reuse
- ✓ Purchased on 28th December 2017
- ✓ In use at Omalur, Tamilnadu

www.vardhmanenvirotech.com



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RAM BIOLOGICALS

1/3442-E, Ayswarya Mansion Bldg., 1st Floor, West Hill P.O. Calicut, Kerala - 673005
Mob: 9446048233, Ph: 0495 2380333, E-mail : rambiol@rediffmail.com

Friday, September 29, 2017

TO WHOM SOEVER IT MAY CONCERN

This is to certify that M/s. Vardhman Envirotech, Ahmedabad has successfully completed supplies of 37 pcs Rainwater Harvesting Filter Systems against our various purchase orders up to our satisfaction.

We are happy with their customer centric approach and service levels up to our satisfaction.

For Ram Biologicals



Dr.REENA ANILKUMAR

(CEO)
KOZHIKODE

RAM BIOLOGICALS
1/3442 E, Ayswarya Mansion Bldg
Westhill, P.O., Calicut - 05
Ph: 0495 - 2380333

Client Certification



- ✓ Rainwater Projects
- ✓ 50+ Systems in use from 2015
- ✓ Installed at various locations in Kerala State.
- ✓ 100 % Satisfaction of Quality and Service delivered with smiling face



Client Certification



Date :- 27.10.2017

TO WHOM SOEVER IT MAY CONCERN

This is to certify that M/s. Vardhman Envirotech, Ahmedabad has successfully completed supplies of 255 PCS Rainwater Harvesting Filter Systems against our various purchase orders up to our satisfaction.

We are happy with their customer centric approach and service levels up to our satisfaction.

For IRA Sustainable water solutions

Mr. Udyam Gokhale

Partner

Pune 411016



Friday, September 29, 2017

To WHOM SOEVER IT MAY CONCERN

This is to certify that M/s. Vardhman Envirotech, Ahmedabad has successfully completed supplies of 398 PCS Rainwater Harvesting Filter Systems against our various purchase orders up to our satisfaction.

We are happy with their customer centric approach and service levels up to our satisfaction.

For Raudra Technocrats Pvt Ltd,

Raudra Technocrats Pvt Ltd.
[Name]
Designation 
Authorized Signatory
- Manish Vasoya
Place: Gandhinagar - COO



Client Certification



- ✓ Rainwater Projects
- ✓ 398+ Systems in use from 2015
- ✓ Installed at various locations in Gujarat State.
- ✓ 100 % Satisfaction of Quality and Service delivered with smiling face



OFFICE OF ASSISTANT ENGINEER P.H.E.D.
SUB DN RAIPUR

Dt - 14/12/17

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Public health Department have successfully installed "On line Raintap Rainwater filters" for harnessing roof top Rain Water in 47 Schools/other govt. buildings of Raipur tehsil in Bhilwara district. Work of installation was carried out through various contractors who purchased these filters from M/s. Vardhman Envirotech, Ahmedabad.

Installation of these filters have replaced the old system of filtering Roof top Rain water through conventional sand/pebble pit filters which requires yearly cleaning & maintenance. These filters address fresh water crisis effectively either by developing a storage or by replenishing ground water.

All installed units are working satisfactorily.

(Modi ram vyas)

Engineer

Department of Public health Engineering

Government of Rajasthan

Place: Raipur-Bhilwara.

Client Certification

Government of
Rajasthan

Department
of Public Health
Engineering

RAINTAPs
are working
Satisfactorily in
47 Schools



MAHAVIR SUBMERSIBLES PVT LTD

Survey No 287 Opp western India Petrol Pump , Kalikund Kheda Highway
DHOLKA 382225 Gujarat INIDA.

Email :-marketing@mahavirpumps.com, md@mahavirpumps.com
http://www.mahavirpumps.com , www.solarpumpindia.com



TO WHOM SO EVER IT MAY CONCERN

We wish to inform that M/s. Vardhman Envirotech, Ahmedabad as successfully installed the Rainwater harvesting filter for reuse and recharge at our Bungalow located in Ahmedabad.

We appreciate their efforts for green environments and renewable resources.

We are happy with their involvement and prompt services.

For Mahavir Submersible Pvt Ltd

For, Mahavir Submersibles Pvt. Ltd.

Director

Authorised Signatory

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An ISO 9001-2008 Certified Company



Ministry of New &
Renewable Energy
MNRE



* Certification on approved models

Company Reg. No.- U29120GJ2001PTC040108

Awareness Campaign @ Agritech Asia



Technical Specifications



Suitable roof area:	110 sq. mtrs
Max Intensity of Rainfall:	75 mm/hr
Working Principle:	Capillary action
Operating Pressure:	1 feet of head
Inlet:	110 mm
Filter Element:	SS 304 wire mesh
Back wash cap:	Openable cap in filter element
Mesh Size:	130 Microns
Clean water outlet:	110 mm
Drain outlet:	90 mm
Efficiency of Filter:	Above 95%
Working on:	Gravity
Safety Feature	Top vent holes (two)



Benefits of Rain water harvesting



- ✓ Gives fresh drinking water for all
- ✓ Maintains Ecological balance
- ✓ Raises Ground water level
- ✓ Augments the fresh water storage
- ✓ Arrests Saline water intrusion in Fresh water
- ✓ Improves ground water quality phenomenally
- ✓ Gives Food security through sustainable irrigation.
- ✓ Minimizes water pollutions
- ✓ Reduces health risks and hazards



Benefits of Rain water harvesting



- ✓ Averts disasters
- ✓ Brings down Water Footprint
- ✓ Frees rural households from physical work to collect water daily
- ✓ Zero hardness; avoids treatment and wastage
- ✓ Balances entire Eco System and life cycle
- ✓ Reduces Soil Erosion
- ✓ Rejuvenates Rivers, Lakes and other sources of water
- ✓ Dilutes impurities from ground water.
- ✓ Gives us Healthy and Happy life





**Humanity has no money to get water
from Dry lands but has money
to look for water on Mars ?**



Closer to our Customers !

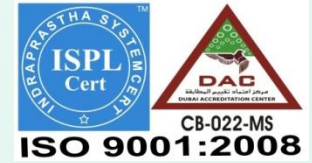


www.vardhmanenvirotech.com





Committed to
greener
and
healthier Planet



Thanks

